

Boone Prairie

Indiana Classical Latin education with hands on interactive learning

Racing in May Takes a Tasty Turn as Students Study STEM Edible Cars to be Designed, Built & Raced on May 3rd

For Immediate Release:

WHAT: Edible Cars Competition Makes STEM Lesson Fun (& Tasty!)

WHEN: Thursday, May 3rd; Car Assembly all day, Race at 1pm

WHERE: Boone Prairie School, 5175 E 300 S Whitestown, IN 46075

WHY: Promote STEM learning while celebrating the May racing tradition in Indiana

Whitestown, IND – The month of May in Indiana is synonymous with racing. And this year, just a few miles north of the Indianapolis Motor Speedway just across the Boone County line, young racing teams will be scurrying to engineer the fastest *edible* cars on the track!

On May 3, the 5th and 6th grade student teams at the newly opened Boone Prairie School will use critical thinking, team work and problem-solving skills to build and race 100% edible race cars at their first ever **Annual Edible Car Competition**. The race begins at **1:00PM Thursday, May 3**.

While designing these edible speed-machines, students will have to consider calorie count, size, weight, and the *look* of their race cars. They'll come up with cool team names and car names like *whizzin' watermelon*, *hustling hot dog* or *zippin' zucchini*. Car parts may include wheels made of cookies, axels made of pretzel sticks, and car bodies made of fruits or vegetables.

Rachael Cotteleer, the middle school teacher, explained that the contest incorporates important S.T.E.M. skills (science, technology, engineering, and math) in a highly creative way.

“Throughout the project the students will be learning practical application in the S.T.E.M. areas while assessing nutritional value, promoting advertising for their vehicles, calculating tire ratios, problem solving, and more.” said Cotteleer. “We want our students to experience vigorous learning in an innovative way, and this is an excellent opportunity.”

The 5th & 6th graders will compete for prizes in a number of categories including design, creativity and speed. Cars will be assembled the morning of Race Day and must be made entirely of food edible to humans. Each vehicle must include at least 3 wheels and 2 axels, and be able to roll down a ramp approximately three feet long.

See a **VIDEO** about the competition here:

<https://www.teachingchannel.org/videos/engineering-design-process-stem-lesson>

FOR MORE INFORMATION CONTACT:

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